

S/N 10/033,506

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	LIAMOS ET AL.	Examiner:	UNKNOWN
Serial No.:	10/033,506	Group Art Unit:	3761
Filed:	DECEMBER 28, 2001	Docket No.:	12008.42USD1
Title:	SMALL VOLUME IN VITRO ANALYTE SENSOR AND METHODS		

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence and the paper(s), as described herein, are being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on March 27, 2002.

By: *Rebecca Ralls*
Rebecca Ralls

RECEIVED

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application, which is not an application under 37 C.F.R. § 1.53(d). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(d), a copy of each document or other information listed on the enclosed Form 1449 is not provided because it was previously cited by or submitted to the U.S. Patent and Trademark Office in parent application, U.S. Serial No. 09/434,026 filed on November 4, 1999.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference intended.

APR - 5 2002
TECHNOLOGY CENTER R3700

RECEIVED
MAY 3 2002
CIVIC MAIL ROOM

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD P. C
P. O. Box 2903
Minneapolis, Minnesota 55402-0903
(612) 371-5222

Date: 27 March 2002

By Mara E. Liepa
Mara E. Liepa
Reg. No. 40,066
MEL:rlr



FORM 1449*  IN AN APPLICATION (Use several sheets if necessary)		Docket Number: 12008.42USDI	Application Number: 10/033,506
		Applicant: LIAMOS ET AL. Filing Date: 12/28/2001 Group Art Unit: 3761	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,260,656	07/12/1966	Ross, Jr.			
	3,653,841	04/04/1972	Klein			
	3,719,564	03/06/1973	Lilly, Jr. et al.			
	3,776,832	12/04/1973	Oswin et al.			
	3,837,339	09/24/1974	Aisenberg et al.			
	3,972,320	08/03/1976	Kalman			
	3,979,274	09/07/1976	Newman			
	4,008,717	02/22/1977	Kowarski			
	4,016,866	04/12/1977	Lawton			
	4,055,175	10/25/1977	Clemens et al.			
	4,059,406	11/22/1977	Fleet			
	4,076,596	02/28/1978	Connery et al.			
	4,098,574	07/04/1978	Dappen			
	4,100,048	07/11/1978	Pompei et al.			
	4,151,845	05/01/1979	Clemens			
	4,168,205	09/18/1979	Danninger et al.			
	4,172,770	10/30/1979	Semersky et al.			
	4,178,916	12/18/1979	McNamara			
	4,206,755	06/10/1980	Klein			
	4,224,125	09/23/1980	Nakamura et al.			
	4,240,438	12/23/1980	Updike et al.			
	4,240,889	12/23/1980	Yoda et al.			
	4,247,297	01/27/1981	Berti et al.			
	4,271,119	06/02/1981	Columbus			
	4,318,784	03/09/1982	Higgins et al.			
	4,340,458	07/20/1982	Lerner et al.			
	4,356,074	10/26/1982	Johnson			

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

FORM 1449*		Docket Number: 12008.42USDI	Application Number: 10/033,506
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Applicant: LIAMOS ET AL.	
		Filing Date: 12/28/2001	Group Art Unit: 3761

O I P E JCAT APR 03 2002 PATENT & TRADEMARKS

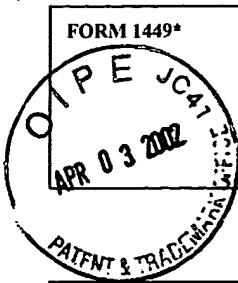
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,365,637	12/28/1982	Johnson			
	4,366,033	12/28/1982	Richter et al.			<i>RECEIVED APR - 5 2002</i>
	4,375,399	03/01/1983	Havas et al.			
	4,384,586	05/24/1983	Christiansen			
	4,392,933	07/12/1983	Nakamura et al.			<i>TECHNOLOGY CENTER R3700</i>
	4,401,122	08/30/1983	Clark, Jr.			
	4,404,066	09/13/1983	Johnson			
	4,407,959	10/04/1983	Tsuji et al.			
	4,418,148	11/29/1983	Oberhardt			
	4,420,564	12/13/1983	Tsuji et al.			
	4,427,770	01/24/1984	Chen et al.			
	4,431,004	02/14/1984	Bessman et al.			
	4,436,094	03/13/1984	Cerami			
	4,440,175	04/03/1984	Wilkins			
	4,444,892	04/24/1984	Malmros			<i>RECEIVED APR 13 2001</i>
	4,450,842	05/29/1984	Zick et al.			
	4,461,691	07/24/1984	Frank			<i>MAIL ROOM</i>
	4,469,110	09/04/1984	Slama			
	4,477,314	10/16/1984	Richter et al.			
	4,483,924	11/20/1984	Tsuji et al.			
	4,484,987	11/27/1984	Gough			
	4,522,690	06/11/1985	Venkatasetty			
	4,524,114	06/18/1985	Samuels et al.			
	4,526,661	07/02/1985	Steckhan et al.			
	4,534,356	08/13/1985	Papadakis			
	4,538,616	09/03/1985	Rogoff			
	4,543,955	10/01/1985	Schroepel			
	4,545,382	10/08/1985	Higgins et al.			

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

 INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION <small>(Use several sheets if necessary)</small>	Docket Number: 12008.42USDI	Application Number: 10/033,506
	Applicant: LIAMOS ET AL.	
	Filing Date: 12/28/2001	Group Art Unit: 3761

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,552,840	11/12/1985	Riffer			
	4,560,534	12/24/1985	Kung et al.			<i>RECEIVED APR - 5 2002</i>
	4,571,292	02/18/1986	Liu et al.			
	4,573,994	03/04/1986	Fischell et al.			
	4,581,336	04/08/1986	Malloy et al.			<i>TECHNOLOGY CENTER R3700</i>
	4,595,011	06/17/1986	Phillips			
	5,595,479	06/17/1986	Kimura et al.			
	4,619,754	10/28/1986	Niki et al.			
	4,633,878	01/06/1987	Bombardieri			
	4,637,403	01/20/1987	Garcia et al.			<i>TE 1700 MAIL ROOM SEP 3 2002</i>
	4,650,547	03/17/1987	Gough			
	4,654,197	03/31/1987	Lilja et al.			
	4,655,880	04/07/1987	Liu			
	4,655,885	04/07/1987	Hill et al.			
	4,671,288	06/09/1987	Gough			<i>TE 1700 MAIL ROOM SEP 3 2002</i>
	4,679,562	07/14/1987	Luksha			
	4,680,268	07/14/1987	Clark, Jr.			
	4,682,602	07/28/1987	Prohaska			
	4,684,537	08/04/1987	Graetzl et al.			
	4,685,463	08/11/1987	Williams			
	4,703,756	11/03/1987	Gough et al.			
	4,711,245	12/08/1987	Higgins et al.			
	4,717,673	01/05/1988	Wrighton et al.			
	4,721,601	01/26/1988	Wrighton et al.			
	4,726,378	02/23/1988	Kaplan			
	4,750,496	06/14/1988	Reinhart et al.			
	4,757,022	07/12/1988	Shults et al.			

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	



FORM 1449*			Docket Number: 12008.42USDI	Application Number: 10/033,506
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)			Applicant: LIAMOS ET AL.	
			Filing Date: 12/28/2001	Group Art Unit: 3761

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,758,323	07/19/1988	Davis et al.			RECEIVED APR - 5 2002
	4,759,371	07/26/1988	Franetski			TECHNOLOGY CENTER R3700
	4,759,828	07/26/1988	Young et al.			
	4,764,416	08/16/1988	Ueyama et al.			
	4,776,944	10/11/1988	Janata et al.			
	4,781,798	11/01/1988	Gough			
	4,784,736	11/15/1988	Lonsdale et al.			
	4,795,707	01/03/1989	Niiyama et al.			
	4,805,624	02/21/1989	Yao et al.			TO T. ONG CO 1 SEP 3 2002
	4,813,424	03/21/1989	Wilkins			RECEIVED
	4,815,469	03/28/1989	Cohen et al.			TECHNOLOGY CENTER R3700
	4,820,399	04/11/1989	Senda et al.			RECEIVED
	4,822,337	04/18/1989	Newhouse et al.			
	4,830,959	05/16/1989	McNeil et al.			
	4,832,797	05/23/1989	Vadgama et al.			
	4,840,893	06/20/1989	Hill et al.			
	4,848,351	07/18/1989	Finch			
	4,854,153	08/08/1989	Miyagawa et al.			
	4,871,351	10/03/1989	Feingold			
	4,871,440	10/03/1989	Nagata et al.			
	4,890,620	01/02/1990	Gough			
	4,894,137	01/16/1990	Takizawa et al.			
	4,897,162	01/30/1990	Lewandowski et al.			
	4,897,173	01/30/1990	Nankai et al.			
	4,909,908	03/20/1990	Ross et al.			
	4,911,794	03/27/1990	Parce et al.			
	4,919,141	04/24/1990	Zier et al.			
	4,919,767	04/24/1990	Vadgama et al.			

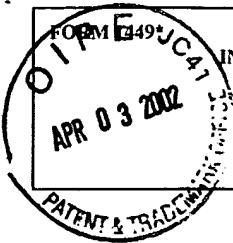
EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

FORM 1449 E JO INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Docket Number: 12008.42USDI	Application Number: 10/033,506
		Applicant: LIAMOS ET AL.	
		Filing Date: 12/28/2001	Group Art Unit: 3761

APR 03 2002

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,923,586	05/08/1990	Katayama et al.			
	4,927,516	05/22/1990	Yamaguchi et al.			
	4,935,105	06/19/1990	Churchouse			
	4,935,345	06/19/1990	Guilbeau et al.			
	4,936,956	06/26/1990	Wrighton			
	4,938,860	07/03/1990	Wogoman			
	4,942,127	07/17/1990	Wada et al.			
	4,945,045	07/31/1990	Forrest et al.			
	4,950,378	08/21/1990	Nagata			
	4,953,552	09/04/1990	DeMarzo			
	4,968,400	11/06/1990	Shimomura et al.			
	4,970,145	11/13/1990	Bennetto et al.			
	4,974,929	12/04/1990	Curry			
	4,986,271	01/22/1991	Wilkins			
	4,994,167	02/19/1991	Shults et al.			
	4,999,582	03/12/1991	Parks et al.			
	5,034,192	07/23/1991	Wrighton et al.			
	5,037,527	08/06/1991	Hayashi et al.			
	5,070,535	12/03/1991	Hochmair et al.			
	5,078,854	01/07/1992	Burgess et al.			
	5,082,550	01/21/1992	Rishpon et al.			
	5,082,786	01/21/1992	Nakamoto			
	5,089,112	02/18/1992	Skotheim et al.			
	5,094,951	03/10/1992	Rosenberg			
	5,096,560	03/17/1992	Takai et al.			
	5,096,836	03/17/1992	Macho et al.			
	5,101,814	04/07/1992	Palti			
	5,108,564	04/28/1992	Szuminsky et al.			

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	



INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

12008.42USDI

Application Number:

10/033,506

Applicant: LIAMOS ET AL.

Filing Date: 12/28/2001

Group Art Unit: 3761

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,109,850	05/05/1992	Blanco et al.			RECEIVED APR - 5 2002
	5,120,420	06/09/1992	Nankai et al.			
	5,120,421	06/09/1992	Glass et al.			
	5,126,034	06/30/1992	Carter et al.			TECHNOLOGY CENTER R3700
	5,126,247	06/30/1992	Palmer et al.			
	5,128,015	07/07/1992	Szuminsky et al.			
	5,130,009	07/14/1992	Marsoner et al.			
	5,133,856	07/28/1992	Yamaguchi et al.			
	5,140,393	08/18/1992	Hijikihigawa et al.			
	5,141,868	08/25/1992	Shanks et al.			RECEIVED SEP 15 2002
	5,161,532	11/10/1992	Joseph			
	5,165,407	11/24/1992	Wilson et al.			
	5,168,046	12/01/1992	Hamamoto et al.			RECEIVED SEP 15 2002
	5,174,291	12/29/1992	Schoonen et al.			
	5,185,256	02/09/1993	Nankai et al.			
	5,192,415	03/09/1993	Yoshioka et al.			
	5,192,416	03/09/1993	Wang et al.			
	5,198,367	03/30/1993	Aizawa et al.			
	5,200,051	04/06/1993	Cozzette et al.			
	5,202,261	04/13/1993	Musho et al.			
	5,205,920	04/27/1993	Oyama et al.			
	5,206,145	04/27/1993	Cattell			
	5,208,154	05/04/1993	Weaver et al.			
	5,217,595	06/08/1993	Smith et al.			
	5,227,042	07/13/1993	Zawodzinski et al.			
	5,229,282	07/20/1993	Yoshioka et al.			
	5,250,439	10/05/1993	Musho et al.			
	5,262,035	11/16/1993	Gregg et al.			

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

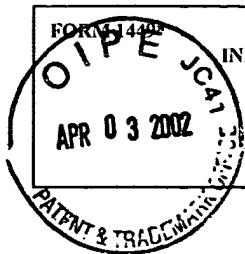
FORM 1449 O I P E JCA1 APR 03 2002 PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Docket Number: 12008.42USD1	Application Number: 10/033,506
		Applicant: LIAMOS ET AL.	
		Filing Date: 12/28/2001	Group Art Unit: 3761 RECEIVED

APR - 5 2002

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	TECHNOLOGY CENTER R3700 FILING DATE IF APPROPRIATE
	5,262,305	11/16/1993	Heller et al.			
	5,264,103	11/23/1993	Yoshioka et al.			
	5,264,106	11/23/1993	McAleer et al.			
	5,266,179	11/30/1993	Nankai et al.			
	5,271,815	12/21/1993	Wong			
	5,272,060	12/21/1993	Hamamoto et al.			
	5,278,079	01/11/1994	Gubinski et al.			
	5,286,362	02/15/1994	Hoenes et al.			16 SEP 3 2001 RECEIVED
	5,286,364	02/15/1994	Yacynych et al.			
	5,288,636	02/22/1994	Pollmann et al.			
	5,293,546	03/08/1994	Tadros et al.			
	5,310,885	05/10/1994	Maier et al.			
	5,320,725	06/14/1994	Gregg et al.			
	5,326,449	07/05/1994	Cunningham			
	5,337,747	08/16/1994	Neftel			
	5,352,348	10/04/1994	Young et al.			
	5,352,351	10/04/1994	White et al.			
	5,356,786	10/18/1994	Heller et al.			
	5,364,797	11/15/1994	Olson et al.			
	5,368,028	11/29/1994	Palti			
	5,372,133	12/13/1994	Hogen Esch			
	5,378,628	01/03/1995	Grätzel et al.			
	5,380,422	01/10/1995	Negishi et al.			
	5,382,346	01/17/1995	Uenoyama et al.			
	5,384,028	01/24/1995	Ito			
	5,387,327	02/07/1995	Khan			
	5,390,671	02/21/1995	Lord et al.			
	5,391,250	02/21/1995	Cheney, II et al.			

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	



INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number:

12008.42USDI

Application Number:

10/033,506

Applicant: LIAMOS ET AL.

Filing Date: 12/28/2001

Group Art Unit: 3761

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,393,903	02/28/1995	Gratzel et al.			RECEIVED APR - 5 2002
	5,395,504	03/07/1995	Saurer et al.			RECEIVED APR - 5 2002
	5,410,474	04/25/1995	Fox			RECEIVED APR - 5 2002
	5,411,647	05/02/1995	Johnson et al.			RECEIVED APR - 5 2002
	5,413,690	05/09/1995	Kost et al.			RECEIVED APR - 5 2002
	5,422,246	06/06/1995	Koopal et al.			RECEIVED APR - 5 2002
	5,437,973	08/01/1995	Vadgama et al.			RECEIVED APR - 5 2002
	5,437,999	08/1995	Diebold et al.			RECEIVED APR - 5 2002
	5,438,271	08/01/1995	White et al.			RECEIVED APR - 5 2002
	5,478,751	12/26/1995	Oosta et al.			RECEIVED APR - 5 2002
	5,494,562	02/27/1996	Maley et al.			RECEIVED APR - 5 2002
	5,496,453	03/05/1996	Uenoyama et al.			RECEIVED APR - 5 2002
	5,497,772	03/12/1996	Schulman et al.			RECEIVED APR - 5 2002
	5,501,956	03/26/1996	Wada et al.			RECEIVED APR - 5 2002
	5,502,396	03/26/1996	Desarzens et. al			RECEIVED APR - 5 2002
	5,507,288	04/16/1996	Böcker et al.			RECEIVED APR - 5 2002
	5,508,171	04/16/1996	Walling et al.			RECEIVED APR - 5 2002
	5,514,253	05/07/1996	Davis et al.			RECEIVED APR - 5 2002
	5,520,787	05/28/1996	Hanagan et al.			RECEIVED APR - 5 2002
	5,525,511	06/11/1996	D'Costa			RECEIVED APR - 5 2002
	5,526,120	06/11/1996	Jina et al.			RECEIVED APR - 5 2002
	5,531,878	07/02/1996	Vadgama et al.			RECEIVED APR - 5 2002
	5,552,027	09/03/1996	Birkle et al.			RECEIVED APR - 5 2002
	5,556,524	09/17/1996	Albers			RECEIVED APR - 5 2002
	5,565,085	10/15/1996	Ikeda et al.			RECEIVED APR - 5 2002
	5,567,302	10/22/1996	Song et al.			RECEIVED APR - 5 2002
	5,568,806	10/29/1996	Cheney, II et al.			RECEIVED APR - 5 2002
	5,569,186	10/29/1996	Lord et al.			RECEIVED APR - 5 2002

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

FORM 1449*			Docket Number:	Application Number:
INFORMATION DISCLOSURE STATEMENT			12008.42USDI	10/033,506
IN AN APPLICATION			Applicant: LIAMOS ET AL.	
(Use several sheets if necessary)			Filing Date: 12/28/2001	Group Art Unit: 3761

O I P E SCA APR 03 2002

PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	RECEIVED FILING DATE APPROPRIATE
	5,575,895	11/19/1996	Ikeda et al.			<i>RECEIVED APR - 5 2002</i>
	5,580,527	12/03/1996	Bell et al.			
	5,582,184	12/10/1996	Erickson et al.			
	5,582,697	12/10/1996	Ikeda et al.			
	5,582,698	12/10/1996	Flaherty et al.			
	5,586,553	12/24/1996	Halili et al.			
	5,589,045	12/31/1996	Hyodo			
	5,589,326	12/31/1996	Deng et al.			
	5,593,852	01/14/1997	Heller et al.			
	5,596,150	01/21/1997	Arndt et al.			
	5,617,851	04/08/1997	Lipkovker			
	5,628,890	05/13/1997	Carter et al.			
	5,650,062	07/22/1997	Ikeda et al.			<i>RECEIVED JUL 22 1997</i>
	5,651,869	07/29/1997	Yoshioka et al.			<i>RECEIVED AUG 29 1997</i>
	5,660,163	08/26/1997	Schulman et al.			<i>RECEIVED SEP 26 1997</i>
	5,670,031	09/23/1997	Hintsche et al.			<i>RECEIVED OCT 23 1997</i>
	5,680,858	10/28/1997	Hansen et al.			<i>RECEIVED NOV 28 1997</i>
	5,682,233	10/28/1997	Brinda			<i>RECEIVED DEC 28 1997</i>
	5,695,623	12/09/1997	Michel et al.			<i>RECEIVED JAN 9 1998</i>
	5,708,247	01/13/1998	McAleer et al.			<i>RECEIVED JAN 13 1998</i>
	5,711,861	01/27/1998	Ward et al.			<i>RECEIVED FEB 27 1998</i>
	5,711,862	01/27/1998	Sakoda et al.			<i>RECEIVED FEB 27 1998</i>
	5,720,862	02/24/1998	Hamamoto et al.			<i>RECEIVED MARCH 24 1998</i>
	5,727,548	03/17/1998	Hill et al.			<i>RECEIVED APRIL 17 1998</i>
	5,741,211	04/21/1998	Renirie et al.			<i>RECEIVED MAY 21 1998</i>
	5,741,688	04/21/1998	Oxenboll et al.			<i>RECEIVED MAY 21 1998</i>
	5,746,217	05/05/1998	Erickson et al.			<i>RECEIVED JUN 5 1998</i>
	5,770,028	06/23/1998	Maley et al.			<i>RECEIVED JULY 23 1998</i>

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION <small>(use several sheets if necessary)</small>			Docket Number:	Application Number:
			12008.42USDI	10/033,506
			Applicant: LIAMOS ET AL.	
Filing Date: 12/28/2001	Group Art Unit: 3761			

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE APPROPRIATE
	5,781,455	07/14/1998	Hyodo			APR - 5 2002
	5,791,344	08/11/1998	Schulman et al.			
	5,804,048	09/08/1998	Wong et al.			
	5,820,570	10/13/1998	Erickson et al.			
	5,830,341	11/03/1998	Gilmartin			
	5,834,224	11/10/1998	Ruger et al.			
	5,837,454	11/17/1998	Cozzette et al.			
	5,842,983	12/01/1998	Abel et al.			
	5,846,702	12/08/1998	Deng et al.			
	5,846,744	12/08/1998	Athey et al.			
	5,857,983	01/12/1999	Douglas et al.			
	5,879,311	03/09/1999	Duchon et al.			
	6,004,441	12/21/1999	Fujiwara et al.			
	6,033,866	03/07/2000	Guo et al.			
	6,071,391	6/2000	Gotoh et al.			
	6,120,676	09/19/2000	Heller et al.			
	6,143,164	11/07/2000	Heller et al.			
	6,153,069	11/28/2000	Pottgen et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	29 03 216	08/02/1979	DE			Abstract	
	227 029 A3	09/04/1985	DD (East Germany)			Abstract	
	0 048 090 A2	03/24/1982	EP				
	0 078 636 A1	05/11/1983	EP				
	0 096 288 A1	12/21/1983	EP			Abstract	
	0 125 139 A2	11/14/1984	EP				
	0 136 362 A1	04/10/1985	EP				

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

FORM 1449 INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION <small>(Use several sheets if necessary)</small>			Docket Number:	Application Number:
			12008.42USDI	10/033,506
			Applicant: LIAMOS ET AL.	
			Filing Date: 12/28/2001	Group Art Unit: 361

*RECEIVED
APR - 5 2002*

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0 170 375 A2	02/05/1986	EP				
	0 080 304 B1	05/21/1986	EP				
	0 184 909 A2	06/18/1986	EP				
	0 206 218 A2	12/30/1986	EP				
	0 230 472 A1	08/05/1987	EP				
	0 241 309 A3	10/14/1987	EP				
	0 245 073 A2	11/11/1987	EP				
	0 255 291 B1	06/24/1992	EP			C	D
	0 278 647 A2	08/17/1988	EP			SEP 10 1992	10/17/1988
	0 286 084 A2	10/12/1988	EP			JUL 11 1991	10/12/1988
	0 359 831 A1	03/28/1990	EP			JUL 21 1991	10/12/1988
	0 368 209 A1	05/16/1990	EP			NOV 11 1991	10/12/1988
	0 390 390 A1	10/03/1990	EP			NOV 11 1991	10/12/1988
	0 400 918 A1	12/05/1990	EP				
	0 453 283 A1	10/23/1991	EP				
	0 470 290 A1	02/12/1992	EP			Abstract	
	0 537 761 A2	04/21/1993	EP				
	0 127 958 B2	04/10/1996	EP				
	0 781 406 B1	05/06/1998	EP				
	1394 171	05/14/1975	GB				
	2 073 891 A	10/21/1981	GB				
	2 154 003 B	08/29/1985	GB				
	2 204 408 A	11/09/1988	GB				
	54-41191	04/02/1979	JP			Abstract	
	55-10581	01/25/1980	JP			Abstract	
	55-10583	01/25/1980	JP			Abstract	
	55-10584	01/25/1980	JP			Abstract	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	



INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 12008.42USD1	Application Number: 10/033,506
	Applicant: LIAMOS ET AL.	
	Filing Date: 12/28/2001	Group Art Unit: 3761

RECEIVED
APR - 5 2002
TECHNOLOGY CENTER R3700

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	55-12406	01/29/1980	JP			Abstract	
	56-163447	12/16/1981	JP			Abstract	
	57-70448	04/30/1982	JP			Abstract	
	60-173457	09/06/1985	JP			Abstract	
	60-173458	09/06/1985	JP			Abstract	
	60-173459	09/06/1985	JP			Abstract	
	61-90050	05/08/1986	JP			Abstract	
	62-85855	04/20/1987	JP			Abstract	
	62 114747	05/26/1987	JP			Abstract	
	63-58149	03/12/1988	JP			Abstract	
	63-128252	05/31/1988	JP			Abstract	
	63-139246	06/11/1988	JP			Abstract	
	63-294799	12/01/1988	JP			Abstract	
	63-317758	12/26/1988	JP			Abstract	
	1-114746	05/08/1989	JP			Abstract	
	1-114747	05/08/1989	JP			Abstract	
	1-134244	05/26/1989	JP			Abstract	
	1-156658	06/20/1989	JP			Abstract	
	2-62958	03/02/1990	JP			Abstract	
	2-120655	05/08/1990	JP			Abstract	
	2-287145	11/27/1990	JP			Abstract	
	2-310457	12/26/1990	JP			Abstract	
	3-26956	02/05/1991	JP			Abstract	
	3-28752	02/06/1991	JP			Abstract	
	3-202764	09/04/1991	JP			Abstract	
	5-72171	03/23/1993	JP			Abstract	
	5-196595	08/06/1993	JP			Abstract	
	WO 85/05119	11/21/1985	PCT			Abstract	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

FORM 1449*			Docket Number: 12008.42USD1	Application Number: 10/033,506
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)			Applicant: LIAMOS ET AL.	
			Filing Date: 12/28/2001	Group Art Unit: 3761



RECEIVED
APR - 5 2002
TECHNOLOGY CENTER R3700

FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
	WO 89/08713	09/21/1989	PCT			
	WO 90/05300	05/17/1990	PCT			
	WO 91/04704	04/18/1991	PCT			Abstract
	WO 92/13271	08/06/1992	PCT			
	WO 94/20602	09/15/1994	PCT			
	WO 94/27140	11/24/1994	PCT			
	WO 95/02817	01/26/1995	PCT			
	WO 97/00441	01/03/1997	PCT			
	WO 97/18464	05/1997	PCT			
	WO 97/19344	05/29/1997	PCT			
	WO 97/42882	11/20/1997	PCT			
	WO 97/42883	11/20/1997	PCT			
	WO 97/42886	11/20/1997	PCT			
	WO 97/42888	11/20/1997	PCT			
	WO 97/43962	11/27/1997	PCT			
	WO 98/35225	08/13/1998	PCT			
	WO 98/43073	10/01/1998	PCT			
	WO 98/58250	12/23/1998	PCT			
	WO 99/08106	02/18/1999	PCT			
	WO 99/30152	06/17/1999	PCT			
	1281988 A1	01/07/1987	SU			Abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Abruña, H. D. et al., "Rectifying Interfaces Using Two-Layer Films of Electrochemically Polymerized Vinylpyridine and Vinylbipyridine Complexes of Ruthenium and Iron on Electrodes," <i>J. Am. Chem. Soc.</i> , 103(1):1-5 (January 14, 1981).
		Albery, W. J. et al., "Amperometric enzyme electrodes. Part II. Conducting salts as electrode materials for the oxidation of glucose oxidase," <i>J. Electroanal. Chem. Interfacial Electrochem.</i> , 194(2) (1 page - Abstract only) (1985).
		Albery, W. J. et al., "Amperometric Enzyme Electrodes," <i>Phil. Trans. R. Soc. Lond. B</i> 316:107-119 (1987).

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION <small>(Use several sheets if necessary)</small>	Docket Number: 12008.42USDI	Application Number: 10/033,506
	Applicant: LIAMOS ET AL.	
	Filing Date: 12/28/2001	Group Art Unit: 3761

RECEIVED
APR - 5 2002

TECHNOLOGY CENTER R3700

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Alcock, S. J. et al., "Continuous Analyte Monitoring to Aid Clinical Practice," <i>IEEE Engineering in Medicine and Biology</i> , 319-325 (1994).
		Anderson, L. B. et al., "Thin-Layer Electrochemistry: Steady-State Methods of Studying Rate Processes," <i>J. Electroanal. Chem.</i> , 10:295-305 (1965).
		Bartlett, P. N. et al., "Covalent Binding of Electron Relays to Glucose Oxidation," <i>J. Chem. Soc. Chem. Commun.</i> , 1603-1604 (1987).
		Bartlett, P. N. et al., "Modification of glucose oxidase by tetrathiafulvalene," <i>J. Chem. Soc., Chem. Commun.</i> , 16 (1 page - Abstract only) (1990).
		Bartlett, P. N. et al., "Strategies for the Development of Amperometric Enzyme Electrodes," <i>Biosensors</i> , 3:359-379 (1987/88).
		Bobbioni-Harsch, E. et al., "Lifespan of subcutaneous glucose sensors and their performances during dynamic glycaemia changes in rats," <i>J. Biomed. Eng.</i> 15:457-463 (1993).
		Brandt, J. et al., "Covalent attachment of proteins to polysaccharide carriers by means of benzoquinone," <i>Biochim. Biophys. Acta</i> , 386(1) (1 page Abstract only) (1975).
		Brownlee, M. et al., "A Glucose-Controlled Insulin-Delivery System: Semisynthetic Insulin Bound to Lectin", <i>Science</i> , 206(4423):1190-1191 (December 7, 1979).
		Cass, A.E.G. et al., "Ferricinium Ion As An Electron Acceptor for Oxido-Reductases," <i>J. Electroanal. Chem.</i> , 190:117-127 (1985).
		Cass, A.E.G. et al., "Ferrocene-Mediated Enzyme Electrode for Amperometric Determination of Glucose", <i>Anal. Chem.</i> , 56(4):667-671 (April 1984).
		Castner, J. F. et al., "Mass Transport and Reaction Kinetic Parameters Determined Electrochemically for Immobilized Glucose Oxidase," <i>Biochemistry</i> , 23(10):2203-2210 (1984).
		Claremont, D.J. et al., "Biosensors for Continuous In Vivo Glucose Monitoring", <i>IEEE Engineering in Medicine and Biology Society 10th Annual International Conference</i> , New Orleans, Louisiana, 3 pgs. (November 4-7, 1988).
		Chen, C.Y. et al., "A Biocompatible Needle-Type Glucose Sensor Based on Platinum-Electroplated Carbon Electrode", <i>Applied Biochemistry and Biotechnology</i> , 36:211-226 (1992)
		Chen, C.Y. et al., "Amperometric Needle-Type Glucose Sensor based on a Modified Platinum Electrode with Diminished Response to Interfering Materials", <i>Analytica Chimica Acta</i> , 265:5-14 (1992)
		Clark, L.C. et al., "Differential Anodic Enzyme Polarography for the Measurement of Glucose", <i>Oxygen Transport to Tissue: Instrumentation, Methods, and Physiology</i> , 127-133 (1973).
		Clark, L.C., Jr. et al., "Electrode Systems for Continuous Monitoring in Cardiovascular Surgery," <i>Annals New York Academy of Sciences</i> , pp. 29-45 (1962).
		Clarke, W. L., et al., "Evaluating Clinical Accuracy of Systems for Self-Monitoring of Blood Glucose," <i>Diabetes Care</i> , 10(5):622-628 (September-October 1987).
		Csöregi, E. et al., "Design, Characterization, and One-Point in Vivo Calibration of a Subcutaneously Implanted Glucose Electrode," <i>Anal. Chem.</i> 66(19):3131-3138 (October 1, 1994).
		Csöregi, E. et al., "On-Line Glucose Monitoring by Using Microdialysis Sampling and Amperometric Detection Based on "Wired" Glucose Oxidase in Carbon Paste," <i>Mikrochim. Acta</i> . 121:31-40 (1995).
		Davis, G., "Electrochemical Techniques for the Development of Amperometric Biosensors", <i>Biosensors</i> , 1:161-178 (1985).

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

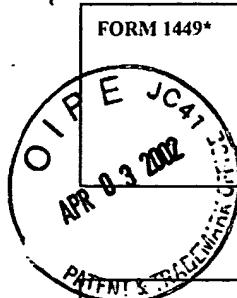
FORM 1449 INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Docket Number: 12008.42USDI	Application Number: 10/033,506
		Applicant: LIAMOS ET AL.	
		Filing Date: 12/28/2001	Group Art Unit: 3761

RECEIVED
APR - 5 2002
TECHNOLGY CENTER R3700

O I P E JC41
APR 03 2002
PATENT & TRADEMARK OFFICE

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
		Degani, Y. et al., "Direct Electrical Communication between Chemically Modified Enzymes and Metal Electrodes. 1. Electron Transfer from Glucose Oxidase to Metal Electrodes via Electron Relays, Bound Covalently to the Enzyme," <i>J. Phys. Chem.</i> , 91(6):1285-1289 (1987).	
		Degani, Y. et al., "Direct Electrical Communication between Chemically Modified Enzymes and Metal Electrodes. 2. Methods for Bonding Electron-Transfer Relays to Glucose Oxidase and D-Amino-Acid Oxidase," <i>J. Am. Chem. Soc.</i> , 110(8):2615-2620 (1988).	
		Degani, Y. et al., "Electrical Communication between Redox Centers of Glucose Oxidase and Electrodes via Electrostatically and Covalently Bound Redox Polymers," <i>J. Am. Chem. Soc.</i> , 111:2357-2358 (1989).	
		Denisevich, P. et al., "Unidirectional Current Flow and Charge State Trapping at Redox Polymer Interfaces on Bilayer Electrodes: Principles, Experimental Demonstration, and Theory," <i>J. Am. Chem. Soc.</i> , 103(16):4727-4737 (1981).	
		Dicks, J. M., "Ferrocene modified polypyrrole with immobilised glucose oxidase and its application in amperometric glucose microbiosensors," <i>Ann. Biol. clin.</i> , 47:607-619 (1989).	
		Engstrom, R.C., "Electrochemical Pretreatment of Glassy Carbon Electrodes", <i>Anal. Chem.</i> , 54(13):2310-2314 (November 1982).	
		Engstrom, R.C. et al., "Characterization of Electrochemically Pretreated Glassy Carbon Electrodes", <i>Anal. Chem.</i> , 56(2):136-141 (February 1984).	
		Ellis, C. D., "Selectivity and Directed Charge Transfer through an Electroactive Metallocopolymer Film," <i>J. Am. Chem. Soc.</i> , 103(25):7480-7483 (1981).	
		Fischer, H. et al., "Intramolecular Electron Transfer Mediated by 4,4'-Bipyridine and Related Bridging Groups", <i>J. Am. Chem. Soc.</i> , 98(18):5512-5517 (September 1, 1976).	
		Foulds, N.C. et al., "Enzyme Entrapment in Electrically Conducting Polymers," <i>J. Chem. Soc., Faraday Trans 1.</i> , 82:1259-1264 (1986).	
		Foulds, N.C. et al., "Immobilization of Glucose Oxidase in Ferrocene-Modified Pyrrole Polymers," <i>Anal. Chem.</i> , 60(22):2473-2478 (November 15, 1988).	
		Frew, J.E. et al., "Electron-Transfer Biosensors", <i>Phil. Trans. R. Soc. Lond.</i> , B316:95-106 (1987).	
		Gernet, S. et al., "Fabrication and Characterization of a Planar Electrochemical Cell and Its Application as a Glucose Sensor", <i>Biosensors & Actuators</i> , 18:59-70 (1989).	
		Gorton, L. et al., "Selective detection in flow analysis based on the combination of immobilized enzymes and chemically modified electrodes," <i>Analytica Chimica Acta</i> , 250:203-248 (1991).	
		Gregg, B. A. et al., "Cross-Linked Redox Gels Containing Glucose Oxidase for Amperometric Biosensor Applications", <i>Analytical Chemistry</i> , 62(3):258-263 (February 1, 1990).	
		Gregg, B. A. et al., "Redox Polymer Films Containing Enzymes. 1. A Redox-Conducting Epoxy Cement: Synthesis, Characterization and Electrocatalytic Oxidation of Hydroquinone," <i>J. Phys. Chem.</i> , 95(15):5970-5975 (1991).	
		Hale, P.D. et al., "A New Class of Amperometric Biosensor Incorporating a Polymeric Electron-Transfer Mediator", <i>J. Am. Chem. Soc.</i> , 111(9):3482-3484 (1989).	
		Harrison, D.J. et al., "Characterization of Perfluorosulfonic Acid Polymer Coated Enzyme Electrodes and a Miniaturized Integrated Potentiostat for Glucose Analysis in Whole Blood", <i>Anal. Chem.</i> , 60(19):2002-2007 (October 1, 1988).	
		Hawkrige, F. M. et al., "Indirect Coulometric Titration of Biological Electron Transport Components," <i>Analytical Chemistry</i> , 45(7):1021-1027 (June 1973).	
		Heineman, W.R. et al., "Measurement of Enzyme E° Values by Optically Transparent Thin Layer Electrochemical Cells", <i>Analytical Chemistry</i> , 47(1):79, 82-84 (January 1975)	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	



FORM 1449*		Docket Number: 12008.42USDI	Application Number: 10/033,506
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Applicant: LIAMOS ET AL.	
		Filing Date: 12/28/2001	Group Art Unit: 3761

RECEIVED
APR - 5 2002
TECHNOLOGY CENTER R3700

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Heineman, W.R. "Spectro-electro-chemistry", <i>Analytical Chemistry</i> , 50(3):390-392, 394, 396, 398, 400, 402 (March 1978)
		Heller, A., "Amperometric biosensors based on three-dimensional hydrogel-forming epoxy networks," <i>Sensors and Actuators B</i> , 13-14:180-183 (1993).
		Heller, A., "Electrical Connection of Enzyme Redox Centers to Electrodes," <i>J. Phys. Chem.</i> , 96(9):3579-3587 (1992).
		Heller, A., "Electrical Wiring of Redox Enzymes," <i>Acc. Chem. Res.</i> , 23(5):129-134 (1990).
		Ianniello, R.M. et al. "Immobilized Enzyme Chemically Modified Electrode as an Amperometric Sensor", <i>Anal. Chem.</i> , 53(13):2090-2095 (November 1981).
		Ianniello, R.M. et al., "Differential Pulse Voltammetric Study of Direct Electron Transfer in Glucose Oxidase Chemically Modified Graphite Electrodes", <i>Anal. Chem.</i> , 54(7):1098-1101 (June 1981).
		Ikeda, T. et al., "Glucose oxidase-immobilized benzoquinone-carbon paste electrode as a glucose sensor," <i>Agric. Biol. Chem.</i> , 49(2) (1 page - Abstract only) (1985).
		Johnson, J. M. et al., "Potential-Dependent Enzymatic Activity in an Enzyme Thin-Layer Cell," <i>Anal. Chem.</i> 54:1377-1383 (1982).
		Johnson K. W. et al., "In Vivo Evaluation of an Electroenzymatic Glucose Sensor Implanted in Subcutaneous Tissue", <i>Biosensors & bioelectronics</i> 7:709-714 (1992)
		Johnson, K.W., "Reproducible Electrodeposition of Biomolecules for the Fabrication of Miniature Electroenzymatic Biosensors", <i>Sensors and Actuators B Chemical</i> , B5:85-89 (1991).
		Jönsson, G. et al., "An Amperometric Glucose Sensor Made by Modification of a Graphite Electrode Surface With Immobilized Glucose Oxidase and Adsorbed Mediator", <i>Biosensors</i> , 1:355-368 (1985).
		Josowicz, M. et al., "Electrochemical Pretreatment of Thin Film Platinum Electrodes", <i>J. Electrochem. Soc.</i> , 135(1):112-115 (January 1988).
		Katakis, I. et al., "Electrostatic Control of the Electron Transfer Enabling Binding of Recombinant Glucose Oxidase and Redox Polyelectrolytes," <i>J. Am. Chem. Soc.</i> , 116(8):3617-3618 (1994).
		Katakis, I. et al., "L- α -Glycerophosphate and L-Lactate Electrodes Based on the Electrochemical 'Wiring' of Oxidases" <i>Analytical Chemistry</i> , 64(9):1008-1013 (May 1, 1992).
		Kenausis, G. et al., "'Wiring' of glucose oxidase and lactate oxidase within a hydrogel made with poly(vinyl pyridine) complexed with [Os(4,4'-dimethoxy-2,2'-bipyridine) ₂ C ₁] ⁺²⁺ ", <i>J. Chem. Soc., Faraday Trans.</i> , 92(20):4131-4136 (1996).
		Kondo, T. et al., "A Miniature Glucose Sensor, Implantable in the Blood Stream", <i>Diabetes Care</i> , 5(3):218-221 (May-June 1982)
		Kulys, J. et al., "Mediatorless peroxidase electrode and preparation of bienzyme sensors," <i>Bioelectrochemistry and Bioenergetics</i> , 24:305-311 (1990).
		Lager, W. et al., "Implantable Electrocatalytic Glucose Sensor," <i>Horm. Metab. Res.</i> , 26:526-530 (November 1994).
		Lee, J. et al., "A New Glucose Sensor using Microporous Enzyme Membrane", <i>Sensors and Actuators</i> , B3:215-219 (1991)
		Lewandowski, J.J. et al., "Evaluation of a Miniature Blood Glucose Sensor", <i>Trans Am Soc Artif Intern Organs</i> , XXXIV: 255-258 (1988)
		Lindner, E. et al. "Flexible (Kapton-Based) Microsensor Arrays of High Stability for Cardiovascular Applications", <i>J. Chem. Soc. Faraday Trans.</i> , 89(2):361-367 (January 21, 1993).

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

FORM 1449* O I P E J C A INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION <small>(Use several sheets if necessary)</small>		Docket Number: 12008.42USDI	Application Number: 10/033,506
		Applicant: LIAMOS ET AL.	
		Filing Date: 12/28/2001	Group Art Unit: 3761

APR - 5 2002
RECEIVED
U.S. PATENT & TRADEMARK OFFICE
TECHNOLOGY CENTER R3700

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
		Maidan, R. et al., "Elimination of Electrooxidizable Interferant-Produced Currents in Amperometric Biosensors," <i>Analytical Chemistry</i> , 64(23):2889-2896 (December 1, 1992).	
		Mann-Buxbaum, E. et al., "New Microminiaturized Glucose Sensors Using Covalent Immobilization Techniques", <i>Sensors and Actuators</i> , B1:518-522 (1990)	
		Mastrototaro, J.J. et al., "An Electroenzymatic Glucose Sensor Fabricated on a Flexible Substrate", <i>Sensors and Biosensors B Chemical</i> , B5:139-144 (1991).	
		Matthews, D.R., et al., "An Amperometric Needle-Type Glucose Sensor Tested in Rats and Man", <i>Original Articles</i> , pp. 248-252 (1988)	
		McKean et al., "A telemetry-Instrumentation System for Chronically Implanted Glucose and Oxygen Sensors", <i>IEEE Transactions of Biomedical Engineering</i> , 35(7):526-532 (July 1988)	
		McNeil, C. J. et al., "Thermostable Reduced Nicotinamide Adenine Dinucleotide Oxidase: Application to Amperometric Enzyme Assay," <i>Anal. Chem.</i> , 61(1):25-29 (January 1, 1989).	
		Miyawaki, O. et al., "Electrochemical and Glucose Oxidase Coenzyme Activity of Flavin Adenine Dinucleotide Covalently Attached to Glassy Carbon at the Adenine Amino Group", <i>Biochimica et Biophysica Acta</i> , 838:60-68 (1985).	
	TC 1700 ROOM	Moatti-Sirat, D. et al., "Evaluating <i>in vitro</i> and <i>in vivo</i> the interference of ascorbate and acetaminophen on glucose detection by a needle-type glucose sensor," <i>Biosensors & Bioelectronics</i> , 7(5):345-352 (1992).	
RECEIVED SEP - 3 2002	TC 1700 ROOM	Moatti-Sirat, D. et al., "Reduction of acetaminophen interference in glucose sensors by a composite Nafion membrane: demonstration in rats and man," <i>Diabetologia</i> , 37(6) (1 page - Abstract only) (June 1994).	
	TC 1700 ROOM	Moatti-Sirat, D. et al., "Towards continuous glucose monitoring: <i>in vivo</i> evaluation of a miniaturized glucose sensor implanted for several days in rat subcutaneous tissue," <i>Diabetologia</i> , 35(3) (1 page - Abstract only) (March 1992).	
	TC	Moser, I. et al., "Advanced Immobilization and Protein Techniques on thin Film Biosensors", <i>Sensors and Actuators</i> , B7:356-362 (1992).	
	TC	Moussy, F. et al., "Performance of Subcutaneously Implanted Needle-Type Glucose Sensors Employing a Novel Trilayer Coating", <i>Anal. Chem.</i> , 65:2072-2077 (1993)	
		Nagy, G. et al., "A New Type of Enzyme Electrode: The Ascorbic Acid Eliminator Electrode," <i>Life Sciences</i> , 31(23):2611-2616 (1982).	
		Nakamura, S. et al., "Effect of Periodate Oxidation on the Structure and Properties of Glucose Oxidase," <i>Biochimica et Biophysica Acta</i> , 445:294-308 (1976).	
		Narazimhan, K. et al., "p-Benzquinone activation of metal oxide electrodes for attachment of enzymes," <i>Enzyme Microb. Technol.</i> , 7(6) (1 page - Abstract only) (1985).	
		Ohara, T. J. et al., "Glucose Electrodes Based on Cross-Linked [Os(bpy) ₂ Cl] ⁺²⁺ Complexed Poly(1-vinylimadazole) Films," <i>Analytical Chemistry</i> , 65(23):3512-3516 (December 1, 1993).	
		Ohara, T. J., "Osmium Bipyridyl Redox Polymers Used in Enzyme Electrodes," <i>Platinum Metals Rev.</i> , 39(2):54-62 (April 1995).	
		Ohara, T. J. et al., ""Wired" Enzyme Electrodes for Amperometric Determination of Glucose or Lactate in the Presence of Interfering Substances," <i>Analytical Chemistry</i> , 66(15):2451-2457 (August 1, 1994).	
		Olivier, C. N. et al., "In vivo Measurement of Carbon Dioxide Tension with a Miniature Electrode," <i>Pflugers Arch.</i> 373:269-272 (1978).	
		Paddock, R. et al., "Electrocatalytic reduction of hydrogen peroxide via direct electron transfer from pyrolytic graphite electrodes to irreversibly adsorbed cytochrome c peroxidase," <i>J. Electroanal. Chem.</i> , 260:487-494 (1989).	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

FORM 1449*  INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number:	Application Number:
	12008.42USDI	10/035,506
	Applicant: LIAMOS ET AL.	
	Filing Date: 12/28/2001	Group Art Unit: 376

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Palleschi, G. et al., "A Study of Interferences in Glucose Measurements in Blood by Hydrogen Peroxide Based Glucose Probes", <i>Anal. Biochem.</i> , 159:114-121 (1986).
		Palleschi, G. et al., "Ideal Hydrogen Peroxide-Based Glucose Sensor", <i>Applied Biochemistry and Biotechnology</i> , 31:21-35 (1991)
		Pankratov, I. et al., "Sol-gel derived renewable-surface biosensors," <i>Journal of Electroanalytical Chemistry</i> , 393:35-41 (1995).
		Pathak, C. P. et al., "Rapid Photopolymerization of Immunoprotective Gels in Contact with Cells and Tissue," <i>J. Am. Chem. Soc.</i> , 114(21):8311-8312 (1992).
		Pickup, J. et al., "Potentially-implantable, amperometric glucose sensors with mediated electron transfer: improving the operating stability," <i>Biosensors</i> , 4(2) (1 page - Abstract only) (1989).
	RECEIVED SEP-3 2000 VILL. ROOM	Pishko, M. V. et al., "Amperometric Glucose Microelectrodes Prepared Through Immobilization of Glucose Oxidase in Redox Hydrogels", <i>Anal. Chem.</i> , 63(20):2268-2272 (October 15, 1991).
	TC 1100	Poitout, V. et al., "A glucose monitoring system for on line estimation in man of blood glucose concentration using a miniaturized glucose sensor implanted in the subcutaneous tissue and a wearable control unit," <i>Diabetologia</i> , 36(7) (1 page - Abstract only) (July 1993).
	RECEIVED SEP-3 2000	Poitout, V. et al., "Calibration in dogs of a subcutaneous miniaturized glucose sensor using a glucose meter for blood glucose determination," <i>Biosensors & Bioelectronics</i> , 7:587-592 (1992).
	TC 1100	Poitout, V. et al., "In vitro and in vivo evaluation in dogs of a miniaturized glucose sensor," <i>ASAIO Transactions</i> , 37(3) (1 page - Abstract only) (July-September 1991).
		Pollak, A. et al., "Enzyme Immobilization by Condensation Copolymerization into Cross-Linked Polyacrylamide Gels," <i>J. Am. Chem. Soc.</i> , 102(20):6324-6336 (1980).
		Pons, B. S. et al., "Application of Deposited Thin Metal Films as Optically Transparent Electrodes for Internal Reflection Spectrometric Observation of Electrode Solution Interfaces", <i>Analytical Chemistry</i> , 39(6):685-688, (May 1967)
		Reach, G. et al., "A Method for Evaluating in vivo the Functional Characteristics of Glucose Sensors", <i>Biosensors</i> 2:211-220 (1986)
		Reach, G. et al., "Can Continuous Glucose Monitoring Be Used for the Treatment of Diabetes?" <i>Analytical Chemistry</i> , 64(6):381-386 (March 15, 1992).
		Rebrin, K. et al., "Automated Feedback Control of Subcutaneous Glucose Concentration in Diabetic Dogs", <i>Diabetologia</i> , 32(8):573-576 (August 1989).
		Sasso, S.V. et al., "Electropolymerized 1,2-Diaminobenzene as a Means to Prevent Interferences and Fouling and to Stabilize Immobilized Enzyme in Electrochemical Biosensors", <i>Anal. Chem.</i> , 62(11):1111-1117 (June 1, 1990).
		Schalkhammer, T. et al, "Electrochemical Glucose Sensors on Permeselective Non-conducting Substituted Pyrrole Polymers", <i>Sensors and Actuators</i> , B4:273-281 (1991)
		Scheller, F. et al., "Enzyme electrodes and their application," <i>Phil. Trans. R. Soc. Lond.</i> , B 316:85-94 (1987).
		Shichiri, M. et al., "Glycaemic Control in Pancreatectomized Dogs with a Wearable Artificial Endocrine Pancreas", <i>Diabetologia</i> , 24(3):179-184 (March 1983).
		Shigeru, T. et al, "Simultaneous Determination of Glucose and 1,5-Anhydroglucitol", <i>Chemical Abstracts</i> , 111:394 (1989)
		Sittampalam, G. et al., "Surface-Modified Electrochemical Detector for Liquid Chromatography", <i>Anal. Chem.</i> , 55(9):1608-1610 (August 1983).
		Soejijoko, S. et al., <i>Horm. Metab. Res. Suppl. Ser.</i> , 12 (1 page - Abstract only) (1982).

EXAMINER _____ **DATE CONSIDERED** _____
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

FORM 1449*		Docket Number: 12008.42USDI	Application Number: 10/031,508
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		APR - 5 2002 TECHNOLOGY CENTER R3700	
		Filing Date: 12/28/2001	Group Art Unit: 3764

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
		Sprules, S. D. et al., "Evaluation of a New Disposable Screen-Printed Sensor Strip for the Measurement of NADH and Its Modification to Produce a Lactate Biosensor Employing Microliter Volumes," <i>Electroanalysis</i> , 8(6):539-543 (1996).	
		Sternberg, F. et al., "Calibration Problems of Subcutaneous Glucosensors when Applied "In-Situ" in Man," <i>Horm. metabl. Res.</i> , 26:523-525 (1994).	
	ROOM	Sternberg, R. et al., "Covalent Enzyme Coupling on Cellulose Acetate Membranes for Glucose Sensor Development," <i>Analytical Chemistry</i> , 60(24):2781-2786 (December 15, 1988).	
RECEIVED CIP 2/10/02	ROOM	Suekane, M., "Immobilization of glucose isomerase," <i>Zeitschrift für Allgemeine Mikrobiologie</i> , 22(8):565-576 (1982).	
CIP 2/10/02	CLERK	Tarasevich, M.R. "Bioelectrocatalysis", <i>Comprehensive Treatise of Electrochemistry</i> , 10 (Ch. 4):231-295 (1985).	
CIP 2/10/02	CLERK	Taylor, C. et al., "'Wiring' of glucose oxidase within a hydrogel made with polyvinyl imidazole complexed with [(Os-4,4'-dimethoxy-2,2'-bipyridine)Cl] ⁺²⁺ ," <i>Journal of Electroanalytical Chemistry</i> , 396:511-515 (1995).	
		Trojanowicz, M. et al., "Enzyme Entrapped Polypyrrole Modified Electrode for Flow-Injection Determination of Glucose," <i>Biosensors & Bioelectronics</i> , 5:149-156 (1990).	
		Turner, A.P.F. et al., "Diabetes Mellitus: Biosensors for Research and Management", <i>Biosensors</i> , 1:85-115 (1985).	
		Turner, R. F. B. et al., "A Biocompatible Enzyme Electrode for Continuous <i>in vivo</i> Glucose Monitoring in Whole Blood," <i>Sensors and Actuators</i> , B1(1-6):561-564 (January 1990).	
		Umaha, M., "Protein-Modified Electrochemically Active Biomaterial Surface," <i>U.S. Army Research Office Report</i> , (12 pages) (December 1988).	
		Urban, G. et al., "Miniaturized Thin-Film Biosensors Using Covalently Immobilized Glucose Oxidase", <i>Biosensors & Bioelectronics</i> , 6(7):555-562 (1991).	
		Velho, G. et al., "Strategies for calibrating a subcutaneous glucose sensor," <i>Biomed. Biochim. Acta</i> , 48(11/12):957-964 (1989).	
		Von Woedtke, T. et al., "In Situ Calibration of Implanted Electrochemical Glucose Sensors," <i>Biomed. Biochim. Acta</i> , 48(11/12):943-952 (1989).	
		Vreeke, M. S. et al., "Chapter 15: Hydrogen Peroxide Electrodes Based on Electrical Connection of Redox Centers of Various Peroxidases to Electrodes through a Three-Dimensional Electron-Relaying Polymer Network," <i>Diagnostic Biosensor Polymers</i> , 7 pgs. (July 26, 1993).	
		Vreeke, M. et al., "Hydrogen Peroxide and β -Nicotinamide Adenine Dinucleotide Sensing Amperometric Electrodes Based on Electrical Connection of Horseradish Peroxidase Redox Centers to Electrodes through a Three-Dimensional Electron Relaying Polymer Network," <i>Analytical Chemistry</i> , 64(24):3084-3090 (December 15, 1992).	
		Wang, J. et al., "Activation of Glassy Carbon Electrodes by Alternating Current Electrochemical Treatment", <i>Analytica Chimica Acta</i> , 167:325-334 (January 1985).	
		Wang, J. et al., "Amperometric biosensing of organic peroxides with peroxidase-modified electrodes." <i>Analytica Chimica Acta</i> . 254:81-88 (1991).	
		Wang, J. et al., "Screen-Printable Sol-Gel Enzyme-Containing Carbon Inks," <i>Analytical Chemistry</i> , 68(15):2705-2708 (August 1, 1996).	
		Wang, J. et al., "Sol-Gel-Derived Metal-Dispersed Carbon Composite Amperometric Biosensors," <i>Electroanalysis</i> , 9(1):52-55 (1997).	
		Williams, D.L. et al., "Electrochemical-Enzymatic Analysis of Blood Glucose and Lactate", <i>Anal. Chem.</i> , 42(1):118-121 (January 1970).	
		Yabuki, S. et al., "Electro-conductive Enzyme Membrane," <i>J. Chem. Soc. Chem. Commun.</i> , 945-946 (1989).	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

	Docket Number:	Application Number:
	12008.42USDI 10/033,506	
	Applicant: LIAMOS ET AL.	
	Filing Date: 12/28/2001	Group Art Unit: 3761

RECEIVED
APR - 5 2002

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Yamasaki, Y., "The Development of a Needle-Type Glucose Sensor for Wearable Artificial Endocrine Pancreas", <i>Medical Journal of Osaka University</i> , Vol. 35, No. 1-2, pp. 24-34 (September 1994)
		Yang, L. et al., "Determination of Oxidase Enzyme Substrates Using Cross-Flow Thin-Layer Amperometry," <i>Electroanalysis</i> , 8(8-9):716-721 (1996).
		Yao, S.J. et al., "The Interference of Ascorbate and Urea in Low-Potential Electrochemical Glucose Sensing", <i>Proceedings of the Twelfth Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 12(2):487-489 (November 1-4, 1990).
		Yao, T. et al., "A Chemically-Modified Enzyme Membrane Electrode As An Amperometric Glucose Sensor," <i>Analytica Chimica Acta</i> , 148:27-33 (1983).
		Ye, L. et al., "High Current Density "Wired" Quinoprotein Glucose Dehydrogenase Electrode," <i>Anal. Chem.</i> , 65(3):238-241 (February 1, 1993).
		Yildiz, A., "Evaluation of an Improved Thin-Layer Electrode", <i>Analytical Chemistry</i> , 40(7):1018-1024 (June 1968)
		Zamzow, K. et al., "New Wearable Continuous Blood Glucose Monitor (BGM) and Artificial Pancreas (AP)", <i>Diabetes</i> , 39:5A(20) (May 1990).

RECEIVED
SEP - 3 2002
U.S. PATENT AND TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	